

## Title (en)

Torque rod for internal combustion engine

## Title (de)

Drehmomentenanlaufschwingarm für Verbrennungsmotor

## Title (fr)

Biellette de reprise de couple pour moteur à combustion interne

## Publication

**EP 0894659 A1 19990203 (FR)**

## Application

**EP 98401895 A 19980724**

## Priority

FR 9709708 A 19970730

## Abstract (en)

The engine mounting connecting rod is constructed as a rigid elongated body, of which each end is formed into an annular ring. It is linked internally by an elastic mass to a connecting socket, which, in turn, is linked at one end to the engine and at the other end to the structure of the vehicle. The body is made of cast iron and the primary socket (4), viewed along its axis, has the general form of a trapezoid and is linked to the outer ring (2) of the connecting rod by two elastic blocks (6), chevron-shaped. The two blocks are linked to the inclined faces (7) of the primary socket, and to the internal flanks of the outer ring. The secondary socket (9) has smaller dimensions than the primary socket, is cylindrical and is linked to the corresponding outer ring by elastic arms (11).

## Abstract (fr)

Cette bielle se caractérise en ce que son corps 1 est en fonte, en ce qu'elle comporte une première douille trapézoïdale 4 reliée aux flancs d'un anneau d'extrémité 2 par des blocs de caoutchouc 6 par exemple à faible coefficient d'amortissement, présentant ensemble la forme d'un chevron s'ouvrant vers l'autre extrémité de la bielle, et en ce qu'elle comporte une seconde douille cylindrique 9 reliée à un anneau d'extrémité 3 par l'intermédiaire de bras élastiques radiaux par exemple à fort coefficient d'amortissement. <IMAGE>

## IPC 1-7

**B60K 5/12**; **F16C 7/04**; **F16F 15/08**

## IPC 8 full level

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## CPC (source: EP)

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## Citation (applicant)

EP 0691481 A1 19960110 - HUTCHINSON [FR]

## Citation (search report)

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- [A] GB 2010438 A 19790627 - METZELER KAUSCHUK
- [A] FR 2736008 A1 19970103 - PEUGEOT [FR]
- [DA] EP 0691481 A1 19960110 - HUTCHINSON [FR] & FR 2722259 A1 19960112 - HUTCHINSON [FR]
- [A] FR 2292153 A1 19760618 - ITT [US]
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